ABSTRACT OF THE DISCLOSURE

It is an object of the present invention to provide a semiconductor device capable of preventing deterioration due to penetration of moisture or oxygen, for example, a light-emitting apparatus having an organic light-emitting device that is formed over a plastic substrate, and a liquid crystal display apparatus using a plastic substrate. According to the present invention, devices formed on a glass substrate or a quartz substrate (a TFT, a light-emitting device having an organic compound, a liquid crystal device, a memory device, a thin-film diode, a pin-junction silicon photoelectric converter, a silicon resistance element, or the like) are separated from the substrate, and transferred to a plastic substrate having high thermal conductivity.